

Response
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REMARKS

The responding attorney thanks the Examiner for taking the time to discuss this application.

This response is intended as a full and complete response to the final Office Action mailed May 30, 2003. That Office action notes that claims 1-5 and 7-20 are pending, notes that claim 6 is cancelled, and rejects claims 1-5 and 7-20. This amendment amends claims 1 and 8. In view of the foregoing amendments the applicants submit that all of the pending claims are now patentable.

35 U.S.C. §102 REJECTIONS OF CLAIMS 1-5, 8-15, and 19; and

35 U.S.C. §103 REJECTIONS OF CLAIMS 7 and 20

The Office action rejects claims 1-5, 8-15, and 19 under 35 U.S.C. §102(b) over Kazuaki (JP 61029046), and also rejects claims 7 and 20 under 35 U.S.C. §103(a) over Kazuaki (JP 61029046). In response, claims 1 and 8 are amended.

Amended claim 1 recites at least the following combination of elements which are not disclosed or suggested by Kazuaki, "deflection means for generating a magnetic field in a first direction...", and "wherein the first and second bridges are aligned parallel to the first direction." Amended claim 8 recites at least the following combination of elements which are not disclosed or suggested by Kazuaki, "a deflection coil for producing a magnetic field in a direction that horizontally deflects said electron beams across said display screen" and "wherein said first bridge and said second bridge are aligned parallel to the direction of the magnetic field." For at least those reasons amended claims 1 and 8, and claims 2-5, 7, and 9-20, which depend from those amended claims, are allowable.

Amended claims 1 and 8 are fully supported in the disclosure. The importance of the proper orientation of the bridges is discussed on page 5 of the subject application, lines 11-26, and is fully supported in the figures, reference FIG. 4A and 4B.

Kazuaki discloses an in-line electron gun having a cylindrical portion with upper and lower rectangular openings through which the magnetic flux of a horizontal deflecting magnetic field passes. This locates the "bridges" of the cylindrical portion at right angles to the magnetic flux of a horizontal deflecting magnetic field. Figure 4 of Kazuaki shows a vertical Y-Y axis which is aligned with a horizontal magnetic field (reference the English language Abstract). Furthermore, Figure 1 of Kazuaki shows that the rectangular openings are aligned in the Y-Y direction.

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In contrast to the above-cited elements of the subject invention, Kazuaki teaches an opposing approach; namely, that the openings (and not the bridges) are aligned with the horizontal magnetic field to prevent, "the generation of a magnetic flux which would hinder the change in the magnetic flux in the horizontal deflection magnetic field" per the Abstract of Kazuaki. Thus not only does Kazuaki fail to disclose elements of the subject invention, but Kazuaki is in opposition to those elements. Accordingly, withdrawals of the 35 U.S.C. §102 rejections of claims 1-5, 8-15, and 19; and the 35 U.S.C. §103 rejections of claims 7 and 20 are respectfully requested.

CONCLUSION

In view of the foregoing, the applicants believe that the subject application is in condition for allowance. An early, favorable action is respectfully solicited.

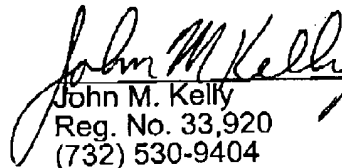
If the Examiner deems that a telephone call would further the prosecution of this application, the Examiner is invited to call Mr. Eric Bram at (914) 333-9635. All correspondence should continue to be sent to the address of record (not to the signing attorney).

If these papers are not considered timely filed by the United States Patent and Trademark Office, or if any additional fees are required, kindly charge such fees to deposit account 20-0782

Respectfully submitted,

Date

July 10, 2003


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